

Author Index

- Allen Jr., S.K., Gaffney, P.M., Scarpa, J. and Bushek, D.
Inviabile hybrids of *Crassostrea virginica* (Gmelin) with *C. rivularis* (Gould) and *C. gigas* (Thunberg) 269
- Allen Jr., S.K. and Gaffney, P.M.
Genetic confirmation of hybridization between *Crassostrea gigas* (Thunberg) and *Crassostrea rivularis* (Gould) 291
- Atsuta, S., *see* Sakai, M. et al.
- Bai, S.C. and Gatlin III, D.M.
Dietary vitamin E concentration and duration of feeding affect tissue α -tocopherol concentrations of channel catfish (*Ictalurus punctatus*) 129
- Brown, M.L., Jaramillo Jr., F. and Gatlin III, D.M.
Dietary phosphorus requirement of juvenile sunshine bass, *Morone chrysops* ♀ × *M. saxatilis* ♂ 355
- Bushek, D., *see* Allen Jr., S.K. et al.
- Castille, F.L., Samocha, T.M., Lawrence, A.L., He, H., Frelier, P. and Jaenike, F.
Variability in growth and survival of early postlarval shrimp (*Penaeus vannamei* Boone 1931) 65
- Chen, S., *see* Cui, Y. et al.
- Chew, K.K., *see* Guo, X. et al.
- Cooper, K., *see* Guo, X. et al.
- Corraze, G., *see* Gomes, E.F. et al.
- Cowell, L.E., Watanabe, W.O., Head, W.D., Grover, J.J. and Shenker, J.M.
Use of tropical cleaner fish to control the ectoparasite *Neobenedenia melleni* (Monogenea: Capsalidae) on seawater-cultured Florida red tilapia 189
- Crandell, P.A. and Gall, G.A.E.
The effect of sex on heritability estimates of body weight determined from data on individually tagged rainbow trout (*Oncorhynchus mykiss*) 47
- Crozier, W.W.
Evidence of genetic interaction between escaped farmed salmon and wild Atlantic salmon (*Salmo salar* L.) in a Northern Irish river 19
- Cui, Y., Chen, S., Wang, S. and Liu, X.
Laboratory observations on the circadian feeding patterns in the grass carp (*Ctenopharyngodon idella* Val.) fed three different diets 57
- Di Muro, P., *see* Lumare, F. et al.
- Flajšhans, M., Linhart, O. and Kvasnička, P.
Genetic studies of tench (*Tinca tinca* L.): induced triploidy and tetraploidy and first performance data 301
- Frelier, P., *see* Castille, F.L. et al.
- Gaffney, P.M., *see* Allen Jr., S.K. et al.
- Gall, G.A.E., *see* Crandell, P.A. et al.
- Garcia, L.M.B.
Sustained production of milt in rabbitfish, *Siganus guttatus* Bloch, by weekly injection of luteinizing hormone-releasing hormone analogue (LHRHa) 261

- Gatlin III, D.M., *see* Bai, S.C. et al.
 Gatlin III, D.M., *see* Brown, M.L. et al.
 GjØen, H.M., *see* Malmstrøm, T. et al.
 Gomes, E.F., Corraze, G. and Kaushik, S.
 Effects of dietary incorporation of a co-extruded plant protein (rapeseed and peas) on growth, nutrient utilization and muscle fatty acid composition of rainbow trout (*Oncorhynchus mykiss*) 339
 Gómez, I., *see* Westermeier, R. et al.
 Grau, E.G., *see* Kuwaye, T.T. et al.
 Grover, J.J., *see* Cowell, L.E. et al.
 Guo, X., Hershberger, W.K., Cooper, K. and Chew, K.K.
 Artificial gynogenesis with ultraviolet light-irradiated sperm in the Pacific oyster, *Crassostrea gigas*. I. Induction and survival 201
 Harrison, D., *see* Smail, D.A. et al.
 He, H., *see* Castille, F.L. et al.
 Head, W.D., *see* Cowell, L.E. et al.
 Hershberger, W.K., *see* Guo, X. et al.
 Howerton, R.D., *see* Kuwaye, T.T. et al.
 Huntly, P.J., *see* Smail, D.A. et al.
 Ingemansson, T., Olsson, N.U. and Kaufmann, P.
 Lipid composition of light and dark muscle of rainbow trout (*Oncorhynchus mykiss*) after thermal acclimation: a multivariate approach 153
 Intrigo, P. and Jones, D.A.
 Bacteria as food for *Artemia* 115
 Irwin, N., *see* Smail, D.A. et al.
 Jaenike, F., *see* Castille, F.L. et al.
 Jaramillo Jr., F., *see* Brown, M.L. et al.
 Jones, D.A., *see* Intrigo, P. et al.
 Kanazawa, A., *see* Koshio, S. et al.
 Kaufmann, P., *see* Ingemansson, T. et al.
 Kaushik, S., *see* Gomes, E.F. et al.
 Kim, K.-I.
 Requirement for phenylalanine and replacement value of tyrosine for phenylalanine in rainbow trout (*Oncorhynchus mykiss*) 243
 Kobayashi, M., *see* Sakai, M. et al.
 Koshio, S., Teshima, S., Kanazawa, A. and Watase, T.
 The effect of dietary protein content on growth, digestion efficiency and nitrogen excretion of juvenile kuruma prawns, *Penaeus japonicus* 101
 Kuwaye, T.T., Okimoto, D.K., Shimoda, S.K., Howerton, R.D., Lin, H.-R., Pang, P.K.T. and Grau, E.G.
 Effect of 17 α -methyltestosterone on the growth of the euryhaline tilapia, *Oreochromis mossambicus*, in fresh water and in sea water 137
 Kvasnička, P., *see* Flajšhans, M. et al.
 Lawrence, A.L., *see* Castille, F.L. et al.
 Lin, H.-R., *see* Kuwaye, T.T. et al.
 Linhart, O., *see* Flajšhans, M. et al.
 Linseth, A., *see* Malmstrøm, T. et al.
 Liu, X., *see* Cui, Y. et al.
 Lumare, F., Di Muro, P., Tenderini, L. and Zupo, V.
 Experimental intensive culture of *Penaeus monodon* in the cold-temperate climate of the North-East coast of Italy (a fishery 'valle' of the River Po Delta) 231

- Malmstrøm, T., Salte, R., Gjøn, H.M. and Linseth, A.
A practical evaluation of metomidate and MS-222 as anaesthetics for Atlantic halibut
(*Hippoglossus hippoglossus* L.) 331
- Minagawa, M. and Murano, M.
Effects of prey density on survival, feeding rate and development of zoeas of the red
frog crab *Ranina ranina* (Crustacea, Decapoda, Raninidae) 91
- Minagawa, M. and Murano, M.
Larval feeding rhythms and food consumption by the red frog crab *Ranina ranina*
(Decapoda, Raninidae) under laboratory conditions 251
- Mojica, Jr., R. and Nelson, W.G.
Environmental effects of a hard clam (*Mercenaria mercenaria*) aquaculture site in the
Indian River Lagoon, Florida 313
- Munro, A.L.S., *see* Smail, D.A. et al.
- Murano, M., *see* Minagawa, M. et al.
- Nelson, W.G., *see* Mojica, Jr., R. et al.
- Okimoto, D.K., *see* Kuwaye, T.T. et al.
- Olsson, N.U., *see* Ingemansson, T. et al.
- Pang, P.K.T., *see* Kuwaye, T.T. et al.
- Plakas, S.M., *see* Stehly, G.R. et al.
- Rivera, P., *see* Westermeier, R. et al.
- Sakai, M., Atsuta, S. and Kobayashi, M.
The immune response of rainbow trout (*Oncorhynchus mykiss*) injected with five
Renibacterium salmoninarum bacterins 11
- Salte, R., *see* Malmstrøm, T. et al.
- Samocha, T.M., *see* Castille, F.L. et al.
- Scarpa, J., *see* Allen Jr., S.K. et al.
- Shenker, J.M., *see* Cowell, L.E. et al.
- Shimoda, S.K., *see* Kuwaye, T.T. et al.
- Smail, D.A., Huntly, P.J. and Munro, A.L.S.
Fate of four fish pathogens after exposure to fish silage containing fish farm mortalities
and conditions for the inactivation of infectious pancreatic necrosis virus 173
- Smail, D.A., Irwin, N., Harrison, D. and Munro, A.L.S.
Passage and survival of infectious pancreatic necrosis (IPN) virus in the cow's gut
after feeding a silage mixture containing IPN virus 183
- Stehly, G.R. and Plakas, S.M.
Pharmacokinetics, tissue distribution, and metabolism of nitrofurantoin in the channel
catfish (*Ictalurus punctatus*) 1
- Teboul, D.
Internal monofilament tags used to identify juvenile *Penaeus monodon*: tag retention
and effects on growth and survival 167
- Tenderini, L., *see* Lumare, F. et al.
- Teshima, S., *see* Koshio, S. et al.
- Tidwell, J.H. and Webster, C.D.
Effects of stocking density and dietary protein on green sunfish (*Lepomis*
cyaneus) × bluegill (*L. macrochirus*) hybrids overwintered in ponds 83
- Wang, S., *see* Cui, Y. et al.
- Watanabe, W.O., *see* Cowell, L.E. et al.
- Watase, T., *see* Koshio, S. et al.
- Webster, C.D., *see* Tidwell, J.H. et al.
- Westermeier, R., Gómez, I. and Rivera, P.
Suspended farming of *Gracilaria chilensis* (Rhodophyta, Gigartinales) at Cariquilda
River, Maullín, Chile 215

Wohlfarth, G.W.

- Heterosis for growth rate in common carp 31
- Zupo, V., see Lumare, F. et al.